

## Olympus TIRF Available Filtersets

Different applications use different combinations of configurations between the excitation wheel, filter cubes, and emission wheel. Please contact staff if you have specific inquiries.

### Excitation Wheel

Position	Filter
1	---
2	ET 470/40x
3	ET 545/25x
4	ET 430/24x
5	ET 500/20x
6	340
7	387
8	Blank
9	Blank
10	Blank

### Emission Wheel

Position	Filter
1	Closed
2	Open
3	ET 520/40m
4	ET 605/70m
5	ET 470/24m
6	ET 535/30m
7	Closed
8	ET 600/50m
9	ET 480/40m
10	ET 550/50m

### Filter Cubes

Position	Cube Name	Dyes	Excitation	Dichroic	Emission
<b>1</b>	TRF89901v2-OL3 ET Quad C224609	TRF Quad (DAPI, green, red, far red)	405/488/514/561	(see chart)	ZET442/514m-TRF ZET488/561m-TRF
<b>2</b> (ask which is in place)	CUSTOM T455lp C163481	ECFP/EYFP	ET 436/20x	T 445 LP	<b>None</b>
	U-13N49000 ET-DAPI C159982	DAPI	D 350/50x	T 400 DCLP	ET 460/50m
	IX3-FFXL Olympus	FURA2	<b>None</b>	FF409-Di03- 25x36	510/84
<b>3</b>	U-13N49002 ET EGFP C158479	EGFP, FITC, CY2	ET 470/40x	T 495 LP	ET 525/50m
<b>4</b>	U-13N49004 ET CY3/R C153384	TRITC, Rhodamine, CY3	ET 545/25x	T 565 LP	ET 605/70m
<b>5</b>	U-3N89019 ET/F/R C150676	FITC/Rhodamine	<b>None</b>	59004 bs (see chart)	<b>None</b>
<b>6</b>	U-3N89002 ET ECFP/EYFP C158975	ECFP/EYFP	<b>None</b>	69008 bs (see chart)	<b>None</b>
<b>7</b>	IX3-FDICT	DIC			
<b>8</b>	TRF59902-OL3 ET 442/514 C15967	ECFP/EYFP	ZET442/514x	ZT442/514rpc	ZET442/514m-TRF